

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. - 22. (Canceled).

23. (Previously Presented) An apparatus for precise positioning of a medical device comprising:

a base;

a robotic articulating arm having a base end attached to said base and an unsecured end;

a therapy head removably attached to said unsecured end, the therapy head including a housing, an array of diagnostic and therapeutic ultrasound transducers contained within the housing, motors coupled to the array, a water circulation system, a plurality of detectors, and an electronic data chip;

at least one position sensor located substantially near said unsecured end and capable of determining the precise position of said therapy head relative to a patient and said base; and

a controller wherein the controller utilizes data from said position sensor and the data chip in the therapy head to control the robotic articulating arm to maintain the location of the therapy head over the patient body surface.

24. - 39. (Canceled).

40. (Previously Presented) The apparatus of claim 23, wherein the controller automatically identifies the therapy head and provides proper motion information to the robotic arm for movement consistent with an operation design for the therapy head, the operational design parameters being incorporated into the data chip.